

### *In the Claims*

The following is a marked up version of the claims. Amend the following claims by adding the language that is underlined (“\_\_\_”) and by deleting the language that has a strikethrough (“—”):

1-45 (CANCELED)

46. (CURRENTLY AMENDED) A process for the preparation of urethane resins comprising the steps of

providing a compound(a) having a hydrolyzable group selected from the group consisting of alkoxy and acetoxy groups directly bonded to 1 to 10 silicon atoms and having an organic group(I) selected from the group consisting of primary amino, secondary amino and acryloyl groups;

providing a compound(b) being capable of reacting with said organic group(I) of compound (a) to form a compound (b) having a secondary amino selected from: acrylate, acryloxy silane, monomaleimide, and maleic anhydride;

~~(1) reacting a compound(a) having a hydrolyzable group selected from the group consisting of alkoxy and acetoxy groups directly bonded to 1 to 10 silicon atoms and having an organic group(I) selected from the group consisting of primary amino, secondary amino and acryloyl groups, with a compound(b) being capable of reacting with said organic group(I) to form a secondary amino compound selected from: acrylate, acryloxy silane, monomaleimide, and maleic anhydride, in order to produce a product(A) having said hydrolyzable group directly bonded to 1 to 10 silicon atoms and having less than two secondary amino groups in one molecule;~~

providing a polyisocyanate compound (compound(d));

providing a compound selected from the group consisting of: a polyol compound (compound(c)), a polythiol compound (compound(c-1)), and a compound (product(C)) having a number average molecular weight of 100-25000 and having at least 0.2 terminal secondary amino groups in one molecule, wherein said product(C) is obtained by reacting a compound(e) having an organic group(II) having a number average molecular weight of 100-25000 selected from the group consisting of amino and acryloyl groups, with a compound(f) being capable of reacting with said organic group(II) to form a secondary amine compound;

(2) reacting a the polyisocyanate compound (compound(d)), with a the compound selected from the group consisting of: a polyol compound (compound(c)), a polythiol compound (compound(c-1)), and a compound (product(C)) ~~having a number average molecular weight of 100-25000 and having at least 0.2 terminal secondary amino groups in one molecule~~, in order to produce a (thio)urethane pre-polymer (product(B)) having a terminal isocyanate group in an amount of 4 % or less by weight of said product(B), ~~wherein said product(C) is obtained by reacting a compound(e) having an organic group(II) having a number average molecular weight of 100-25000 selected from the group consisting of amino and acryloyl groups, with a compound(f) being capable of reacting with said organic group(II) to form a secondary amine compound; and~~

(3) reacting said product(A) with said product(B) in the proportions of at least 0.5 equivalent of said product(A) per free isocyanate group of said product(B) to produce a urethane resin.

47. (CANCELED)

48. (CURRENTLY AMENDED) The process for the preparation of urethane resins according to claim 46, wherein said compound(a) is a compound(a-2), ~~said compound(b) is selected from the group consisting of a compound(i), compound(l) and compound(m); wherein said compound(a-2) has at least two primary or secondary amino groups or has at least one primary amino group and secondary amino group as said organic group(I), wherein said compound(i) is selected from the group consisting of an  $\alpha$ ,  $\beta$  unsaturated carbonyl compound and  $\alpha$ ,  $\beta$  unsaturated nitrile compound, wherein said compound(l) has less than two isocyanate groups and is obtained by reacting a compound(j) having at least two isocyanate groups with a compound(k) having one to two active hydrogens being reactive with an isocyanate group, and wherein, said compound(m) is a monoisocyanate compound.~~

49-62. (CANCELED)

63. (PREVIOUSLY ADDED) A process for the preparation of urethane resins according to claim 46, wherein said compound (a) includes N- $\beta$  (aminoethyl)  $\gamma$ -aminopropylmethyldimethoxysilane, said compound (b) includes 2-ethylhexyl acrylate, said compound (c) includes polyether polyol, and said compound (d) includes 4,4'-diphenylmethanediisocyanate.